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PTO/SB/08A (08-00)

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/612,884		
		Filing Date	July 2, 2003		
		First Named Inventor	HOUGHTON		
		Group Art Unit	Unassigned 1648		
Examiner Name	Unassigned chen				
Sheet	2	of	3	Attorney Docket Number	2300-19545 (PP19545.003)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JHC	C1	BARTENSCHLAGER et al., "Nonstructural protein 3 of the hepatitis C virus encodes a serine-type proteinase required for cleavage at the NS3/4 and NS4/5 junctions," J. Virology 67:3835-3844, 1993	
	C2	BOTARELLI et al., "T-lymphocyte response to hepatitis C virus in different clinical courses of infection," Gastroenterology 104:580-587, 1993	
	C3	CHEN et al., "Human and murine antibody recognition is focused on the ATPase/Helicase, but not the protease domain of the hepatitis C virus nonstructural 3 protein," Hepatology 28:219-224, 1998	
	C4	COOPER et al., "Analysis of a successful immune response against hepatitis C virus," Immunity 10:439-449, 1999	
	C5	DIEPOLDER et al., "Possible mechanism involving T-lymphocyte response to non-structural protein 3 in viral clearance in acute hepatitis C virus infection," Lancet 346:1006-1007, 1995	
	C6	DIEPOLDER et al., "Immunodominant CD4 T-cell epitope within nonstructural protein 3 in acute hepatitis C virus infection," J. Virology 71:6011-6019, 1997	
	C7	FERRARI et al., "T-cell response to structural and nonstructural hepatitis C virus antigens in persistent and self-limited hepatitis C virus infections," Hepatology 19:286-295, 1994	
	C8	HOFFMAN et al., "Mapping of immunodominant CD4 T lymphocyte epitopes of hepatitis C virus antigens and their relevance during the course of chronic infection," Hepatology 21:632-638, 1995	
	C9	IWATA et al., "Interferon gamma production by peripheral blood lymphocytes to hepatitis C virus core protein in chronic hepatitis C infection," Hepatology 22:1057-1064, 1995	
	C10	MINUTELLO et al., "Compartmentalization of T lymphocytes to the site of disease: intrahepatic CD4 T cells specific for the protein NS4 of hepatitis C virus in patients with chronic hepatitis C," J. Exp. Med. 178:17-25, 1993	
↓	C11	MISSALE et al., "Different clinical behaviors of acute hepatitis C virus infection are associated with different vigor of the anti-viral cell-mediated immune response," J. Clin. Invest. 98:706-714, 1996	

Examiner Signature	Joey B. Chen	Date Considered	6/6/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> Applicant is to place a check mark here if English language Translation attached.



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				First Named Inventor	HOUGHTON
				Group Art Unit	Unassigned 1648
				Examiner Name	Unassigned Chen
Sheet	3	of	3	Attorney Docket Number	2300-19545 (PP19545.003)

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Examiner Signature	<i>Loren B. Chou</i>	Date Considered	<i>June 6, 2005</i>
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/612,884
Filing Date	July 2, 2003
First Named Inventor	HOUGHTON
Group Art Unit	1653 11648
Examiner Name	Unassigned Chen
Attorney Docket Number	2300-19545 (PP19545.003)

Sheet	1	of	2	Attorney Docket Number	2300-19545 (PP19545.003)
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

Examiner Signature	Stacy B. Chen	Date Considered	6/5/05
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<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Sheet	2	of	2	Attorney Docket Number	2300-19545 (PP19545.003)
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no a-fa-tion

6/5/05

June 5, 2005

<sup>2</sup> Applicant is to place a check mark here if English language Translation attached.



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				Filing Date	July 2, 2003
				First Named Inventor	HOUGHTON
				Group Art Unit	1653 / 1642
				Examiner Name	Unassigned - Chen
Sheet	1	of	2	Attorney Docket Number	2300-19545 (PP19545.003)

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

Examiner Signature	<i>Stacy B. Cher</i>	Date Considered	<i>6/6/05</i>
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				First Named Inventor	HOUGHTON
				Group Art Unit	4653 1648
				Examiner Name	Unassigned Chen
				Attorney Docket Number	2300-19545 (PP19545.003)
Sheet	2	of	2		

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Examiner Signature	<i>Hayes B. Chen</i>	Date Considered	6/6/05
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